Data Sheet
Fujitsu FUTRO S900 Thin Client

The Expandable Multi-talent

The individually configurable Fujitsu FUTRO S900 thin client has all the flexibility you need to optimize secure server-based computing and desktop virtualization. This simple, reliable yet powerful front-end device is easy to integrate and manage. It also offers expansion slots and unique connectivity options to maximize user convenience. Plus, its long lifecycle helps you minimize TCO.

Green technology
Your company's contribution to environmental protection
- A modern, environmentally conscious product concept - from development to recycling

Relaxed working
Quiet system for a pleasant working environment
- Flash memory and passive cooling concept

Energy efficiency
Saves energy and reduces CO2 emissions
- Integrated system concept with power-saving components

Manageability
Easy administration while reducing total cost of ownership
- Outstanding manageability solution

Backpack solution
Less space needed
- The FUTRO S900 can be mounted behind the screen

Technical details Components

Memory modules	1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
Graphics add on cards (optional)	NVIDIA® Quadro® NVS 300 LP, 512 MB
	LFH59/ 2x DVI-I adapter cable
	LFH59/ 2x DP adapter cable
	DP to DVI-D (single link) Adapter Cable
Hard disk drives (internal)	mSATA, 1 GB Flash drive
	mSATA, 2 GB Flash drive
	mSATA, 4 GB Flash drive
	mSATA, 8 GB Flash drive
	mSATA, 16 GB Flash drive
Interface add on cards/components (optional)	
	WLAN module
	Parallel Card (1 Port)
	Internal speaker
	Dual serial card PCIe x1
	2nd LAN/PoE module
Base unit	FUTRO S900
Operating system and software (Linux)	
Operating system	eLux® RL - Embedded Linux
Functions	eLux® RL V3.7.0 or newer Adobe Flash Player 11 for Linux, V11.2.202.236-1 or newer Eterm 97801 terminal emulation, V3.1-1 or newer Mozilla Firefox Browser, V3.6.19.1-1 or newer RDP client, V1.7.1.2-3 or newer ICA client, V12.1.0-7 or newer VMware® View Client, V5.0.1.1-2 or newer RDPConnect, V3.0-1 or newer Updates and additional software packages are available at www.myelux.com
Manageability	Scout EP V12, Flash memory management, Embedded operating system update and system monitoring, Managing devices by location, group or user, Individual operating system composition with ELIAS (only with eLux® RL)
VPN (Linux)	VPN client from Cisco (optional, provided by UniCon Software Development)
Operating system and software (Windows)	
Operating system	Windows® Embedded Standard 7
Functions	Citrix® Receiver V 2.1.45663.0_12202010 or newer Citrix® Online Plugin Full V 12.1.0.30_10282010 or newer VMware® View Client V 4.6.0-366101 or newer RDP-Client Protocol V 7.1 with RemoteFX or newer Internet Explorer Scout Agent for Windows® Embedded Standard 7 (optional) Acrobat Reader V 9.3 or newer .NET Framework 2.0 or newer
Manageability	Scout EP V12
VPN (Windows)	VPN through CUZ available
Mainboard	
Mainboard type	D3003-A
Formfactor	miniITX

Mainboard	
Processor	AMD G-Series G-T44R (1.2 GHz, 512 KB)
Processor options	AMD FX T56N (2 Cores / 2 Threads, 1.65 GHz, 2 x 512 KB)
Chipset	AMD A55E Controller Hub
Processor quantity maximum	1
Memory slots	2 SO DIMM (DDR3, 1066 MHz)
Supported capacity RAM (max.)	4 GB
LAN	Built-in 10/100/1000 MBit/s
BIOS features	BIOS Flash EPROM update by software Recovery BIOS Unified Extensible Firmware Interface (UEFI)
Audio type	On board
Audio codec	Realtek ALC262
Audio features	AC'97 codec
Slots	
PCI-Express x1	1 x (155 mm /) low profile (optional)
PCI (32-bit / 33 MHz)	1 x (155 mm /) low profile (optional)
Interfaces	
DC-in	1
Audio: line-in	1
Audio: line-out	1
Front audio: headphone	1
Front audio: line-in / microphone	1
USB 2.0 total	8
USB front	2
USB rear	4
USB internal	2
DisplayPort	1 DP
DVI	1 DVI-I (integrated VGA can be used with DVI-VGA adapter)
Serial (RS-232)	2 external
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Kensington Lock support	1
Graphics	
Graphics brand name	AMD Radeon™ HD 6250
Graphics color depth	32 bit colors
Shared video memory	up to 256 MB
Refresh rate 1024 x 768 (recommended / max.)	60 Hz / 85 Hz
Refresh rate 1280 x 1024 (recommended / max.)	60 Hz / 85 Hz
Refresh rate 1600 x 1200 (recommended / max.)	60 Hz / 85 Hz
TFT resolution (VGA)	up to 1920 x 1200
TFT resolution (DVI)	1920 x 1200 pixel
TFT resolution (DisplayPort)	1920 x 1200 pixel
Graphics features	DirectX 11 Shader Model 5 Open CL™ 1.1 (depending on CPU) OpenGL 4.1

Network	
Network	TCP/IP with DNS and DHCP Point-to-Point protocol Supported Citrix Load Balancing over ICA DHCP support for automatic firmware upgrades and unit configuration Multiple master browser support on ICA
Hard disk drives (internal)	
Electrical values	
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	100 V - 240 V (AC Input)
Operating line frequency range	50 Hz - 60 Hz
Power consumption for standard configuration with Windows Embedded Standard	
Power consumption: Maximum (S0, running appl.)	24 W
Power consumption: Idle (S0, running OS, Idle mode)	9.7 W (typical configuration)
Power consumption: Minimum (ACPI status S5, soft off, WOL enabled)	0.58 W
Dimensions / Weight / Environmental	
Dimension with stand (W x D x H)	97 x 191 x 266 mm
Operating position	Vertical / horizontal
Weight	1,3 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C
Operating relative humidity	5 - 85 % (relative humidity)
Compliance	
Product	FUTRO S900
Model	TCS-D3003A
Germany	GS
Europe	CE certification according to EC Directive 2004/108/EEC CB
USA/Canada	CSA ICES-003 Class B CAN/CSA
Global	ENERGY STAR® 5.0 RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) EPEAT® Silver (dedicated regions)
India	WPC
Russia	GOST
Compliance notes	Energy Star compliance may vary depending on actual configuration
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates/default.aspx
Security	
Audit proof protection	Write protection for the Flash module
Warranty	
Service level	(depending on country)
Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://www.fujitsu.com/fts/services/support

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu FUTRO S900, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu FUTRO S900, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/FUTRO

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

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